

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056496.D
 Acq On : 18 Nov 2023 22:29
 Operator : MD/SY
 Sample : 05455-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 04:54:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

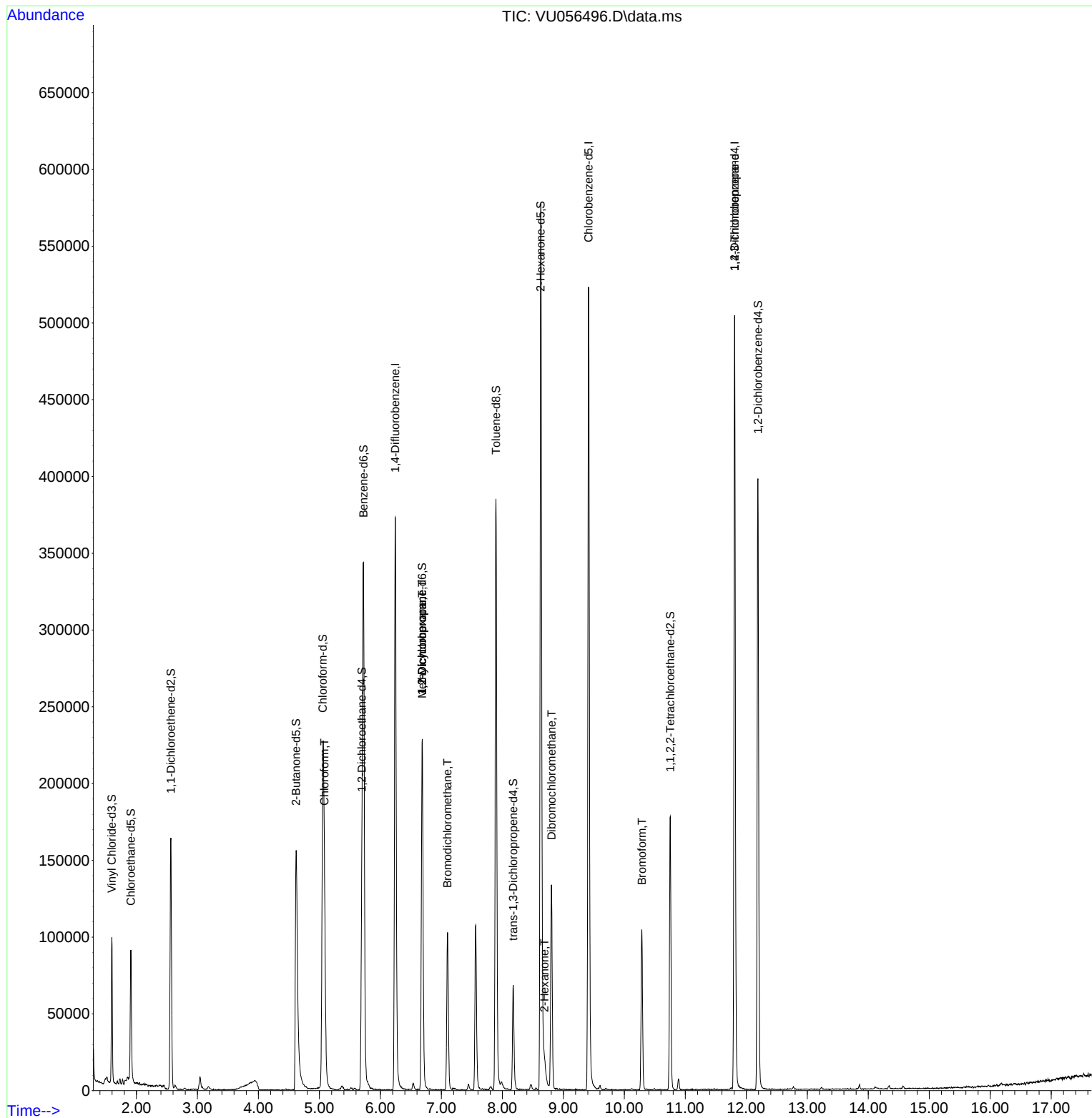
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	302100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	303714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65085	2.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.907	69	63273	3.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.563	65	32328	3.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.618	46	246804	54.776	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.560%
24) Chloroform-d	5.055	84	189647	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	95460	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.721	84	327511	3.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.685	67	110997	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.894	98	270153	3.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.177	79	39410	3.768	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.627	63	199186	48.459	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90008	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	106699	4.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
25) Chloroform	5.081	83	103687	2.539	ug/L	94
35) Methylcyclohexane	6.682	83	26579	0.780	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	12181	0.539	ug/L #	88
38) Bromodichloromethane	7.100	83	68397	2.344	ug/L	97
48) 2-Hexanone	8.689	43	8942	1.025	ug/L #	55
49) Dibromochloromethane	8.804	129	70222	4.103	ug/L	99
59) Bromoform	10.287	173	47550	5.673	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	15599	1.351	ug/L #	67

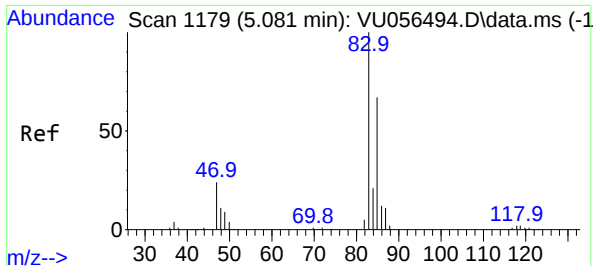
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
Response via : Initial Calibration





#25

Chloroform

Concen: 2.539 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056496.D

Acq: 18 Nov 2023 22:29

Instrument :

MSVOA_U

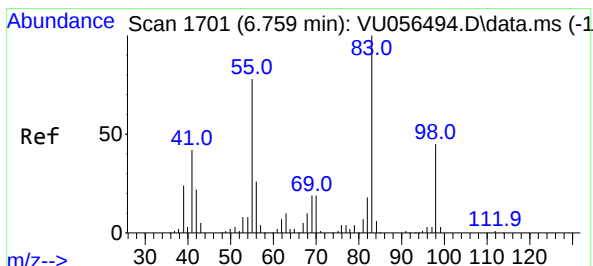
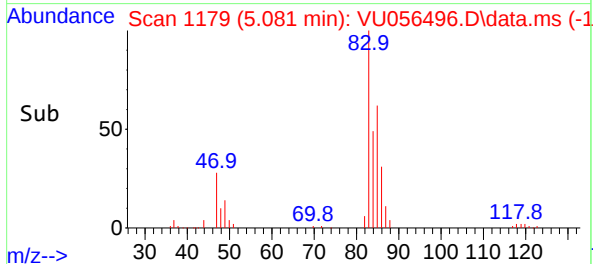
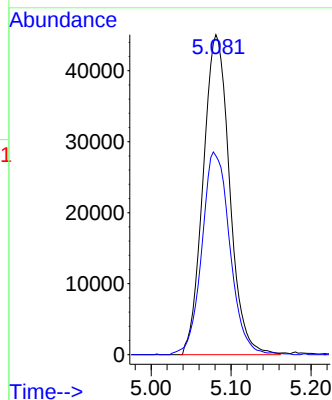
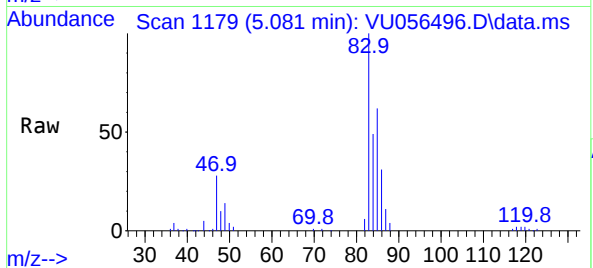
ClientSampleId :

Tgt Ion: 83 Resp: 103687

Ion Ratio Lower Upper

83 100

85 62.2 47.0 87.2



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU056496.D

Acq: 18 Nov 2023 22:29

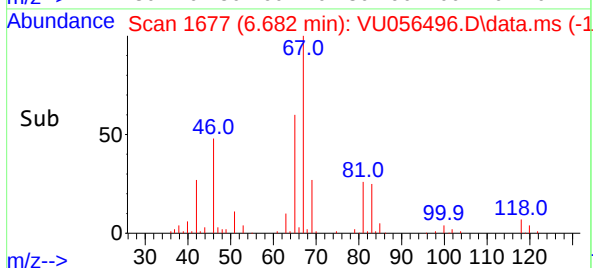
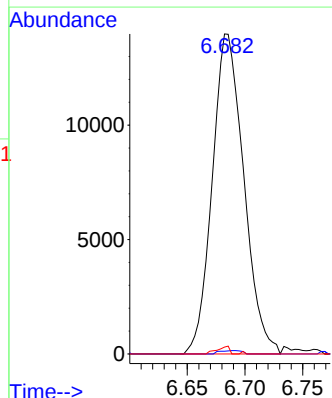
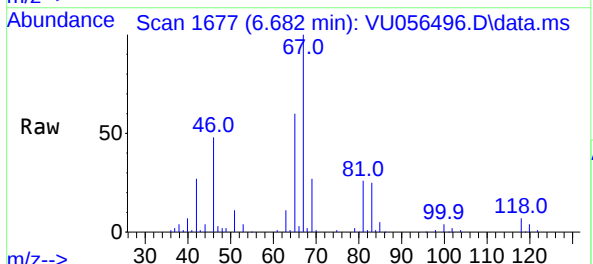
Tgt Ion: 83 Resp: 26579

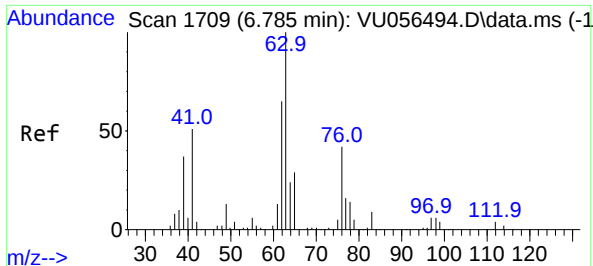
Ion Ratio Lower Upper

83 100

55 0.7 62.9 94.3#

98 0.9 35.3 52.9#

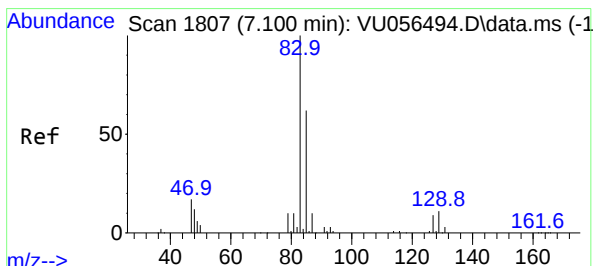
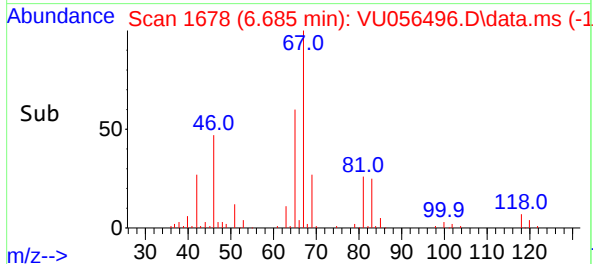
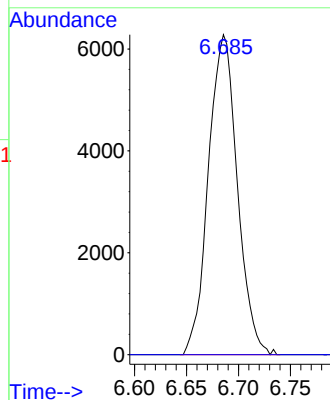
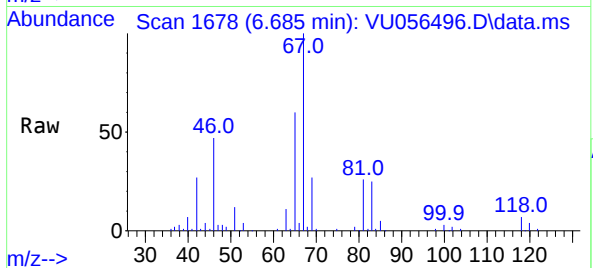




#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056496.D
Acq: 18 Nov 2023 22:29

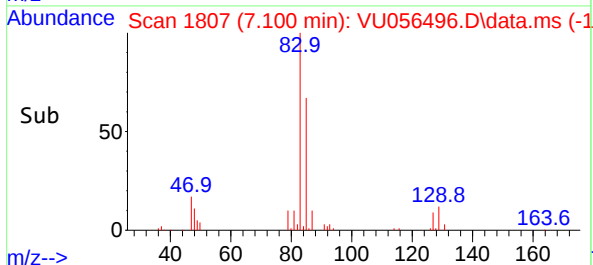
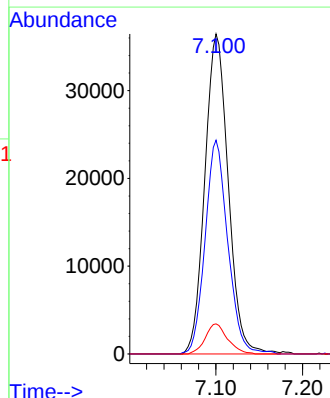
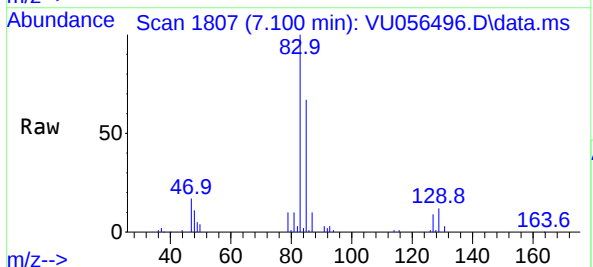
Instrument :
MSVOA_U
ClientSampleId :

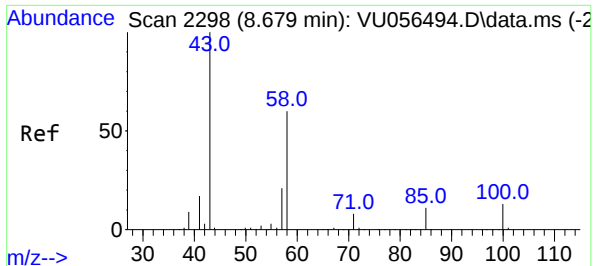
Tgt Ion: 63 Resp: 12181
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#38
Bromodichloromethane
Concen: 2.344 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056496.D
Acq: 18 Nov 2023 22:29

Tgt Ion: 83 Resp: 68397
Ion Ratio Lower Upper
83 100
85 66.8 44.9 83.5
127 9.4 6.9 10.3

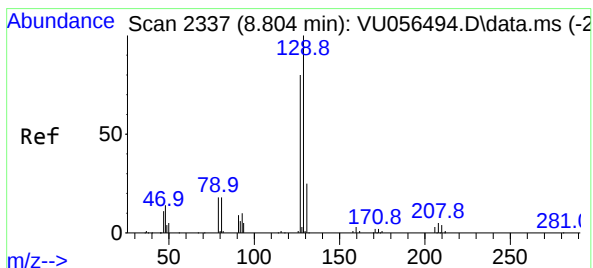
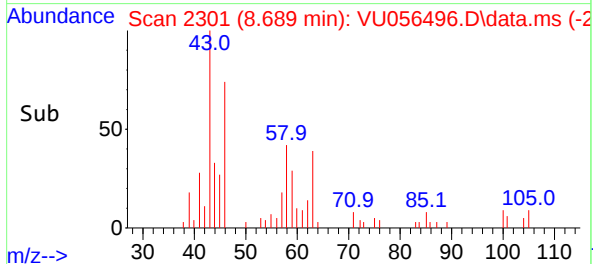
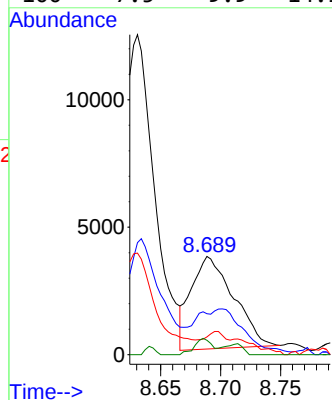
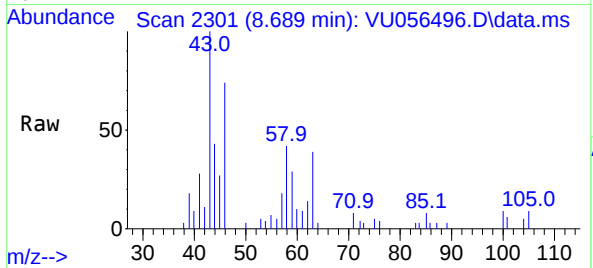




#48
2-Hexanone
Concen: 1.025 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056496.D
Acq: 18 Nov 2023 22:29

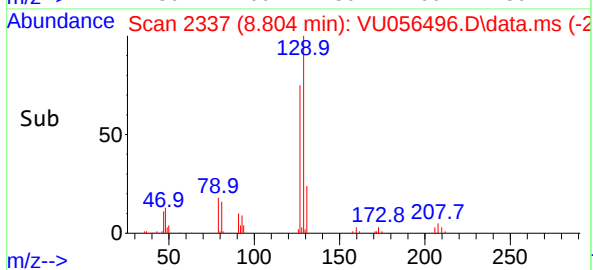
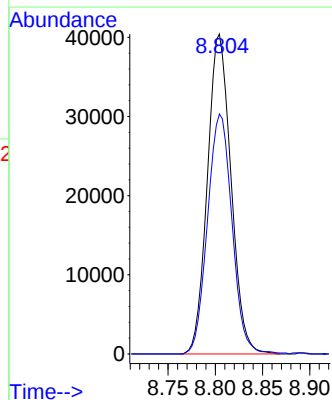
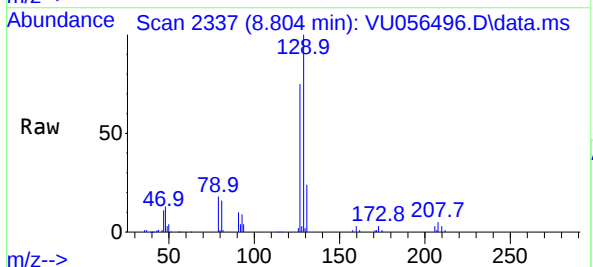
Instrument :
MSVOA_U
ClientSampleId :

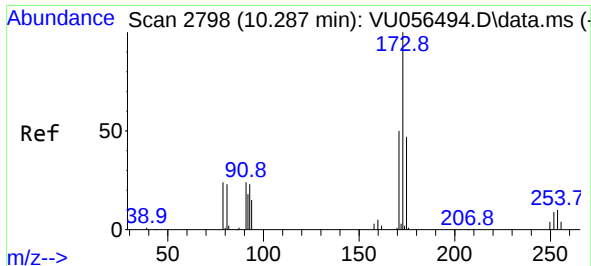
Tgt Ion: 43 Resp: 8942
Ion Ratio Lower Upper
43 100
58 21.8 48.7 73.1#
57 0.0 16.8 25.2#
100 7.5 9.9 14.9#



#49
Dibromochloromethane
Concen: 4.103 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056496.D
Acq: 18 Nov 2023 22:29

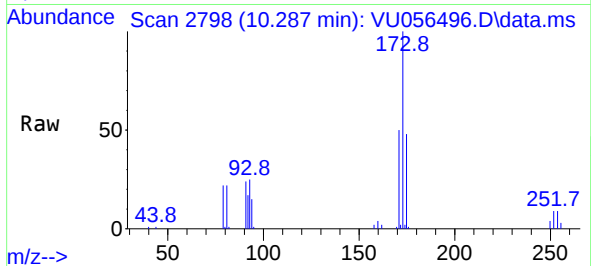
Tgt Ion: 129 Resp: 70222
Ion Ratio Lower Upper
129 100
127 75.0 52.9 98.3



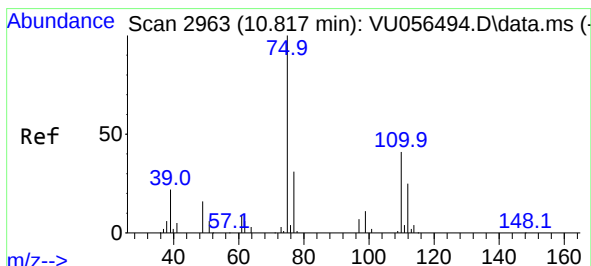
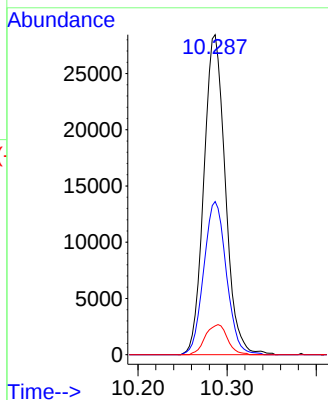
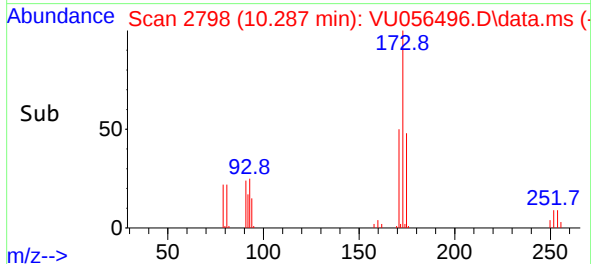


#59
Bromoform
Concen: 5.673 ug/L
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056496.D
Acq: 18 Nov 2023 22:29

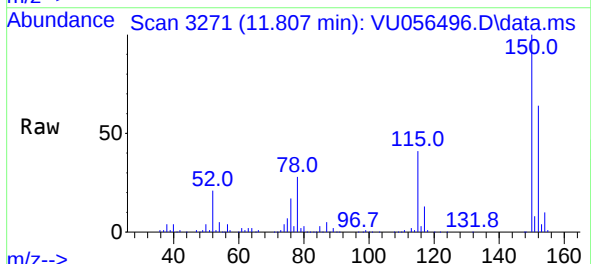
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:173 Resp: 47550
Ion Ratio Lower Upper
173 100
175 50.5 38.9 58.3
254 9.7 6.7 10.1



#61
1,2,3-Trichloropropane
Concen: 1.351 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056496.D
Acq: 18 Nov 2023 22:29



Tgt Ion: 75 Resp: 15599
Ion Ratio Lower Upper
75 100
110 2.8 30.4 45.6#
77 35.9 27.0 40.6

